

# Help for Your IFTE

**F**or your IFTE to test true, you must be true to PM, especially these checks and services:

■ **Do weekly and monthly checks.** Do the weekly self-test in FAULT DETECTION mode like it says in Para 2-30 in TM 11-6625-3173-12-1 and the monthly self-alignment spelled out in Para 2-31. Without these two basic steps, the IFTE won't test accurately.

■ **Test the spare circuit cards.** It won't do any good to replace a faulty circuit card with another faulty circuit card. Every quarter, test all 20 spare circuit cards and replace any that have become defective.

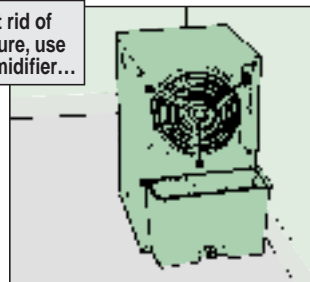
Test spare circuit cards quarterly



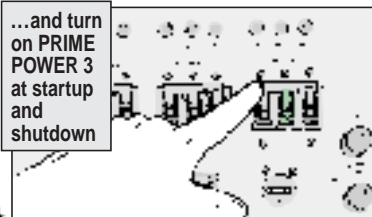
■ **Before you test each circuit card, it must be calibrated in the IFTE.** The calibration procedure lets the IFTE adjust to that card. If you don't calibrate, the IFTE may flunk a good card.

■ **Avoid moisture.** Moisture can build up in the van and cause electrical shorts and corrosion. The best way to stay dry is to run the IFTE's dehumidifier during rainy or humid weather. But

To get rid of moisture, use dehumidifier...



...and turn on PRIME POWER 3 at startup and shutdown

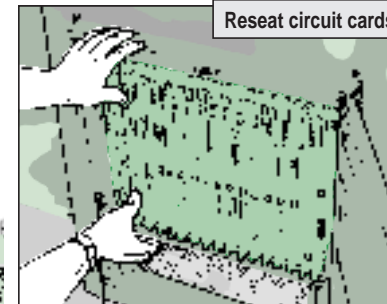


even if you've run the dehumidifier, it's still a good idea to turn on the PRIME POWER 3 switch at start-up, shift the ECU to COOL, and let the ECU run for 45 minutes. That will remove any remaining moisture.

Then at shutdown, shift the ECU to VENT and let it run 5 minutes to get rid of any moisture that's collected during operation.

■ **If the IFTE fails to self-test after it's been moved or been left sitting for weeks, reseat its circuit cards.** Movement or lack of use can hurt the cards' connections. Often just reseating the cards cures the problem.

Reseat circuit cards



BEFORE YOU DO ANY TESTING, YOU'VE GOT TO PASS SOME TESTS YOURSELF, MISTER!

TEST? I HOPE IT'S MULTIPLE CHOICE!



HOW NIFTY! I PASSED THE IFTE TEST!